Index of Claims

| 4 | ٩n | nli | ca | tic | n/   | $C \overline{\circ}$ | ntr  | al | No  | •  |
|---|----|-----|----|-----|------|----------------------|------|----|-----|----|
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Applicant(s)/Patent under Reexamination

10/643,034

NARAYANASWAMI ET AL. Art Unit

Examiner

Aaron M. Richer

2628

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ę | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | Date     |          |              |            |          |  |                |              |              |              |  |  |  |
|-------|----------|----------|--------------|------------|----------|--|----------------|--------------|--------------|--------------|--|--|--|
| Final | Original | 5/19/06  |              |            |          |  |                |              |              |              |  |  |  |
| -     | 1        | 1        |              |            |          |  |                |              |              |              |  |  |  |
|       | 2        | 1        |              |            | Π        | Π  |                | П            |              |              |  |  |  |
|       | 3        | 1        |              |            |          |  |                |              |              |              |  |  |  |
|       | 4        | 1        |              |            |          |  |                |              |              |              |  |  |  |
|       | 5        | 1        |              |            |          |  |                |              |              |              |  |  |  |
|       | 6        | 1        |              |            |          |  |                |              |              |              |  |  |  |
|       | 7        | V        | L            |            |          | L  | <u> </u>       | L            | L            |              |  |  |  |
|       | 8        | N        |              | lacksquare |          |  | _              |              | _            |              |  |  |  |
|       | 9        | N        |              | _          |          |  |                |              |              | _            |  |  |  |
|       | 10       | N        | <u> </u>     |            |          | <u> </u>   | <u> </u>       |              |              | _            |  |  |  |
|       | 11       | N        | <u> </u>     | _          | _        | <u> </u>   | <u> </u>       | <u> </u>     | <u> </u>     | _            |  |  |  |
|       | 12<br>13 | N        | <u> </u>     | $\vdash$   | -        | -  |                | <del> </del> | <u> </u>     | _            |  |  |  |
|       | 13       | 1        | <del> </del> | -          | $\vdash$ | ├  | <del> </del> — | ⊢            | <del> </del> | $\vdash$     |  |  |  |
|       | 14<br>15 | 1        | $\vdash$     | $\vdash$   | ⊢        | -  | -              | $\vdash$     | ├            | _            |  |  |  |
|       | 16       | 1        |              | $\vdash$   | -        | -  | -              | -            | $\vdash$     | H            |  |  |  |
|       | 17       | 1        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$     | -            | -            |  |  |  |
|       | 17<br>18 | 1        | -            | -          | $\vdash$ | -  | $\vdash$       | $\vdash$     | $\vdash$     |              |  |  |  |
|       | 19       | 1        | -            | -          | -        | $\vdash$   | $\vdash$       |              | $\vdash$     |              |  |  |  |
|       | 20       | N        | $\vdash$     | -          |          | <del>                                     </del> | $\vdash$       | $\vdash$     | $\vdash$     |              |  |  |  |
|       | 21       | N        | -            | -          | $\vdash$ | $\vdash$   | _              | $\vdash$     | ┢            | -            |  |  |  |
|       | 22       | N        | -            | $\vdash$   | $\vdash$ | $\vdash$   | _              | $\vdash$     | _            |              |  |  |  |
|       | 23       | N        |              |            | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$     | _            | _            |  |  |  |
|       | 24       | N        |              |            |          |  | $\vdash$       |              | Г            | T            |  |  |  |
|       | 25       | N        |              |            |          |  |                |              |              |              |  |  |  |
|       | 26       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 27       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 28<br>29 |          |              |            |          |  |                | _            | <u> </u>     |              |  |  |  |
|       | 29       |          |              |            | _        |  |                | L            | $oxed{oxed}$ | $oxed{oxed}$ |  |  |  |
|       | 30       |          |              |            |          | ļ  |                |              | _            | <u> </u>     |  |  |  |
|       | 31       | _        | _            |            | _        | _  |                | _            | _            | <u> </u>     |  |  |  |
|       | 32       | <u> </u> |              |            |          | <u> </u>   | <u> </u>       | _            | <u> </u>     | <u> </u>     |  |  |  |
|       | 33<br>34 | <u> </u> | _            | _          | _        | -  | <u> </u>       | <u> </u>     | <u> </u>     | $\vdash$     |  |  |  |
|       | 35       | -        | <u> </u>     | -          | _        | H  | <u> </u>       | _            | <u> </u>     |              |  |  |  |
|       |          |          | -            | -          |          | ⊢  | ├-             | ⊢            | -            | $\vdash$     |  |  |  |
|       | 36<br>37 | $\vdash$ | $\vdash$     |            | -        | ┝  | ⊢              |              | $\vdash$     | $\vdash$     |  |  |  |
|       | 38       | ┝        | <u> </u>     |            | -        | ⊢  | $\vdash$       |              | ⊢            | $\vdash$     |  |  |  |
|       | 39       | $\vdash$ | -            |            | -        | ⊢  | ⊢              | _            | $\vdash$     | Н            |  |  |  |
|       | 40       | _        |              |            | _        | $\vdash$   |                |              | $\vdash$     | Н            |  |  |  |
|       | 41       | <u> </u> |              | Т          |          |  |                | $\vdash$     | $\vdash$     | Н            |  |  |  |
|       | 42       |          | П            | _          | _        |  |                |              |              | Н            |  |  |  |
|       | 43       | Г        | П            |            |          |  |                |              | $\Box$       | П            |  |  |  |
|       | 44       | П        | П            |            |          |  |                |              | $\Box$       | П            |  |  |  |
|       | 45       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 46       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 47       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 48       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 49       |          |              |            |          |  |                |              |              |              |  |  |  |
|       | 50       | 1 1      | 1 7          | 1          | 1        |  |                | Ī            | 1 7          | 1            |  |  |  |

| Cla   | im            |          |   |   |          | Dat      | e        |          |  |          | ]   | Cla   | im       |          |          |   | [        | Date     | e  |          |          |          |
|-------|---------------|----------|---|---|----------|----------|----------|----------|--|----------|-----|-------|----------|----------|----------|---|----------|----------|--|----------|----------|----------|
| _     | Jai           | 90       |   |   |          |          |          |          |  |          |     | ) IE  | lal      |          |          |   |          |          |  |          |          |          |
| Final | Original      | 5/19/06  |   |   |          |          |          |          |  |          |     | Final | Original |          |          |   |          |          |  |          |          |          |
|       | 1             | 1        |   |   |          |          |          |          | L  |          |     |       | 51       |          |          |   |          |          |  |          |          |          |
|       | 2             | 7        |   |   | L.       | <u> </u> | _        | <u> </u> | L.   | <u> </u> |     |       | 52       | Ш        |          | _ | L        | _        |  | <u> </u> | _        |          |
|       | 3             | 1        | _ | _ | ⊢        | ┢        | ⊢        | -        | <del> </del>                                     | -        | 1   |       | 53       | $\vdash$ |          |   |          | <u> </u> | <u> </u>   | _        |          |          |
|       | <u>4</u><br>5 | V        |   | - | -        | -        | -        | -        | <del> </del>                                     | -        |     |       | 54<br>55 |          | _        |   | H        | $\vdash$ | -  | -        | _        | -        |
|       | 6             | 1        | _ | _ | $\vdash$ | ├        | ⊢        | ├        | ┢  | _        |     |       | 56       | Н        |          | - | _        | -        | ┝  | _        | _        |          |
|       | 7             | 1        |   |   | $\vdash$ | ├        | $\vdash$ | H        | -  | _        |     |       | 57       |          |          |   | -        | -        | -  | -        | _        |          |
| _     | 8             | N        | _ | _ | $\vdash$ | H        | $\vdash$ | -        | ┰  | -        |     |       | 58       |          |          | _ | _        | _        | <del>                                     </del> |          | -        |          |
|       | 9             | N        |   |   |          | T        | Т        | <b>—</b> |  |          | 1   |       | 59       |          |          |   |          |          |  |          | _        |          |
|       | 10            | N        |   |   |          |          |          |          | П  |          | 1   |       | 60       |          |          |   |          |          | Г  |          |          |          |
|       | 11            | N        |   |   |          |          |          |          |  |          | ] , |       | 61       |          |          |   |          |          |  |          |          |          |
|       | 12            | N        |   |   |          |          |          |          |  |          | ] : |       | 62       |          |          |   |          |          |  |          |          |          |
|       | 13            | <b>√</b> |   | _ | L        | L        | <u> </u> | 匚        | L  |          |     |       | 63       | Ш        |          |   | Щ        |          |  |          |          |          |
|       | 14            | <b>√</b> |   | _ | L_       | L.       | <u> </u> | _        | L  | L        |     |       | 64       | Ш        |          |   |          |          |  |          |          |          |
|       | 15            | 1        |   |   |          |          | <u> </u> | <u> </u> | _  | _        |     |       | 65       | Щ        |          |   |          | _        |  |          |          |          |
|       | 16<br>17      | 7        |   |   | <u> </u> | _        | ⊢        | <u> </u> | <del>                                     </del> | -        |     |       | 66       |          |          |   |          |          | H  |          |          |          |
|       | 18            | 7        |   | - | ⊢        | ├        | ⊢        | H        | ⊢  | -        |     |       | 67<br>68 |          | _        | - | _        | <u> </u> |  | _        |          | -        |
|       | 19            | 7        | - | - | -        | ⊢        | ⊢        |          | $\vdash$   | -        |     |       | 69       | Н        |          |   |          |          | $\vdash$   |          | _        | $\dashv$ |
| _     | 20            | N        | _ |   | ├        | -        | $\vdash$ |          | $\vdash$   |          |     |       | 70       | Н        | -        |   | _        |          |  |          | _        | -        |
|       | 21            | N        |   | - | $\vdash$ | $\vdash$ | _        | $\vdash$ | ┢  | _        |     |       | 71       |          | -        |   |          | _        | _  | _        |          |          |
|       | 22            | N        | _ |   | $\vdash$ | ┢        | _        |          |  | _        | i   |       | 72       |          |          |   |          |          |  |          |          | -        |
|       | 23            | N        |   |   |          |          |          | $\vdash$ |  | _        | 1   |       | 73       | П        |          |   |          |          |  |          |          |          |
|       | 24            | Ν        |   |   |          |          |          |          |  |          |     |       | 74       |          |          |   |          |          |  |          |          |          |
|       | 25<br>26      | Z        |   |   |          |          |          |          |  |          |     |       | 75       |          |          |   |          |          |  |          |          |          |
|       | 26            |          |   |   |          |          |          |          |  |          |     |       | 76       |          |          |   |          |          |  |          |          |          |
|       | 27            |          |   |   |          |          |          |          | $oxed{oxed}$                                     |          |     |       | 77       |          |          |   |          |          | _  |          |          | Ш        |
|       | 28            | _        |   |   |          | <u> </u> | <u> </u> | <u> </u> | _  | <u></u>  |     |       | 78       |          | _        |   |          | L.       | _  |          | Ш        | Щ        |
|       | 29<br>30      | _        |   |   | <u> </u> | ⊢        | _        | ⊢        | $\vdash$   |          |     |       | 79<br>80 |          |          |   |          | _        | _  |          |          | Н        |
|       | 31            |          |   |   |          |          | _        | ┢        |  |          |     |       | 81       |          |          |   |          | -        | $\vdash$   | -        | -        |          |
|       | 32            |          |   | - |          | ┢        | -        | -        | -  |          |     |       | 82       | $\vdash$ | $\dashv$ | _ | _        | $\vdash$ | $\vdash$   | -        |          |          |
|       | 33            |          |   |   |          |          |          | H        |  | _        |     |       | 83       |          | $\neg$   |   |          | _        |  |          |          |          |
|       | 34            |          |   |   |          |          |          | $\vdash$ |  |          |     |       | 84       |          |          |   |          |          | $\vdash$   |          |          |          |
|       | 35            |          |   |   |          | П        |          |          |  |          |     |       | 85       |          |          |   |          |          |  |          |          |          |
|       | 36            |          |   |   |          |          |          |          |  |          |     |       | 86_      |          |          |   |          |          |  |          |          |          |
|       | 37            |          |   |   | _        | 匚        | L        |          | L  |          |     |       | 87       |          |          |   |          |          |  |          |          |          |
|       | 38            |          |   |   |          | ļ_       | <u> </u> |          | L  |          |     |       | 88       | _        | _        |   |          | _        |  |          |          |          |
| _     | 39            |          |   |   | _        | ⊢        | _        | <u> </u> | ⊢  |          |     |       | 89       | $\dashv$ |          |   |          |          |  |          | _        | -        |
|       | 40            |          |   |   | -        | -        |          | ⊢        | $\vdash$   | _        |     |       | 90       | -        | _        |   | _        | _        |  |          |          |          |
| -     | 41            | _        |   |   |          | H        |          | ┢        | $\vdash$   | -        |     |       | 91       | $\dashv$ |          |   |          |          | $\vdash$   | -        | -        | $\dashv$ |
|       | 43            | -        |   |   | _        |          |          | $\vdash$ |  |          |     |       | 93       | $\dashv$ | -        |   | Н        | -        | $\vdash$   |          |          |          |
|       | 44            | $\dashv$ | - |   |          |          |          | Н        | $\vdash$   |          |     |       | 94       | $\dashv$ | $\dashv$ |   | $\vdash$ | -        | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ |
|       | 45            | $\dashv$ |   |   |          |          | Т        |          |  |          |     |       | 95       | $\Box$   |          |   |          | _        | Н  | Н        | Н        | $\dashv$ |
|       | 46            |          |   |   |          |          |          |          |  |          |     |       | 96       |          |          |   |          |          | П  |          | $\neg$   |          |
|       | 47            |          |   |   |          |          |          |          |  |          |     |       | 97       |          |          |   |          |          |  |          |          |          |
|       | 48            |          |   |   |          |          |          |          |  |          |     |       | 98       |          |          |   |          |          |  |          |          |          |
| _     | 49            | $\Box$   |   |   |          | Щ        |          |          |  |          |     |       | 99       |          | _        | _ |          |          |  |          | Ш        |          |
|       | 50            |          |   |   |          |          |          |          |  |          | [   |       | 100      |          |          |   |          |          |  |          | $\Box$   |          |

| Cl    | aim                             | Date     |          |          |              |               |              |            |              |                 |  |
|-------|---------------------------------|----------|----------|----------|--------------|---------------|--------------|------------|--------------|-----------------|--|
| Cli   | ╁                               |          | ı —      |          | Jan          | <u> </u>      | _            | 1          | $\dashv$     |                 |  |
| Final | Original                        |          |          |          |              |               |              |            |              |                 |  |
|       | 101                             |          |          |          |              |               |              |            |              |                 |  |
|       | 102                             | L_       | L        |          | L            | L             |              | L          | L            | Ш               |  |
|       | 103                             | <u> </u> |          |          | _            | _             |              | _          | <u> </u>     | Ш               |  |
|       | 104                             |          | _        | _        | L            | L_            | _            | _          | _            | Ш               |  |
|       | 102<br>103<br>104<br>105        | <u> </u> | _        | _        |              | <u> </u>      | L            | L          | _            |                 |  |
|       | 106                             | _        | _        | _        |              | <u> </u>      | <u> </u>     | <u> </u>   | <u> </u>     | Щ               |  |
|       | 107<br>108                      | -        | <u> </u> | _        |              | <u> </u>      | <u> </u>     | <b> </b> - | _            | Н               |  |
|       | 109                             | -        | _        | -        |              | <del> </del>  | <del> </del> |            | ⊢            | Н               |  |
|       | 110                             | -        | _        | -        | $\vdash$     | $\vdash$      | ├─           | ⊢          | -            | H               |  |
|       | 110<br>111                      | $\vdash$ | $\vdash$ | -        | _            | $\vdash$      | ┝            | ┢          | $\vdash$     | Н               |  |
|       | 112                             | 1        | $\vdash$ |          | ┢            | $\vdash$      |              | $\vdash$   | $\vdash$     | H               |  |
|       | 113                             | Т        |          |          |              | $\vdash$      | $\vdash$     | $\vdash$   |              | Н               |  |
|       | 112<br>113<br>114               |          |          |          | Г            | $\vdash$      |              | 一          |              | М               |  |
|       | 115                             |          |          |          |              |               |              |            |              |                 |  |
|       | 116                             |          |          |          |              |               |              |            |              |                 |  |
|       | 117                             |          |          |          |              |               |              |            |              | $\square$       |  |
|       | 118<br>119                      |          |          |          |              |               |              | L          | _            | Ш               |  |
|       | 119                             | _        |          |          |              | <u> </u>      | ļ            | <u> </u>   |              | Щ               |  |
|       | 120                             | _        | _        |          |              | <u> </u>      | <u> </u>     | ļ          | ├_           | Н               |  |
|       | 120<br>121<br>122               | <u> </u> | _        | H        |              | ├             |              |            |              | H               |  |
|       | 122                             | $\vdash$ | -        |          | -            | <del> -</del> | -            | ┝          | ⊢            | Н               |  |
|       | 123<br>124<br>125               | -        |          | H        | -            | -             | ├            |            | $\vdash$     | Н               |  |
|       | 125                             |          | Н        | Н        | -            |               | $\vdash$     | _          | $\vdash$     | H               |  |
|       | 126                             |          |          | $\vdash$ |              |               |              |            | ┢            | Н               |  |
|       | 126<br>127<br>128<br>129<br>130 |          |          |          |              |               |              |            |              |                 |  |
|       | 128                             |          |          |          |              |               |              |            |              |                 |  |
|       | 129                             |          |          |          |              |               |              |            |              |                 |  |
|       | 130                             |          |          |          |              |               |              |            |              |                 |  |
|       | 131<br>132                      |          | _        | _        | _            | _             | _            | _          | _            | Ш               |  |
|       | 132                             |          | H        |          |              | _             | <u> </u>     | _          | _            | Н               |  |
|       | 133<br>134                      | _        |          | $\vdash$ | H            | -             | <u> </u>     | H          | ├            | Н               |  |
|       | 135                             | -        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$      | -            | H          | $\vdash$     | Н               |  |
|       | 136                             | -        | H        | H        |              | $\vdash$      |              |            | ┢            | Н               |  |
|       | 137                             | $\vdash$ | $\vdash$ |          | Н            | H             | <u> </u>     |            | <del> </del> | H               |  |
|       | 138                             |          |          |          |              | П             | $\vdash$     |            | -            | Н               |  |
|       | 139                             |          |          |          |              |               |              |            |              | П               |  |
|       | 140                             |          |          |          |              |               |              |            |              |                 |  |
|       | 141                             |          | $\Box$   |          |              |               |              |            |              | Ш               |  |
|       | 142                             |          | L_       | Щ        | $oxed{oxed}$ | Ш             |              |            |              | Ц               |  |
|       | 143                             |          | $\vdash$ | Щ        | _            |               | _            |            |              | Щ               |  |
|       | 144<br>145                      | _        | <u> </u> | $\vdash$ | $\vdash$     |               |              | -          | $\vdash$     | Н               |  |
|       | 145                             | _        | $\vdash$ | $\vdash$ | H            |               | -            |            | H            | $\vdash \vdash$ |  |
|       | 147                             | _        | -        | $\vdash$ | Н            |               | _            |            | ۱            | $\dashv$        |  |
|       | 148                             |          |          | $\vdash$ |              | $\vdash$      | -            | $\vdash$   | $\vdash$     | Н               |  |
|       | 149                             | _        | _        | Н        |              | -             | -            |            |              | H               |  |
|       | 150                             |          | П        | Н        | _            | М             |              | $\vdash$   |              | Н               |  |
|       |                                 |          |          |          |              |               |              |            |              |                 |  |